

19980806.qrp v01_n175.qrs.980806

Date: Thu, 6 Aug 1998 19:03:17 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1175

QRP-L Digest 1175

Topics covered in this issue include:

- 1) [16919] Solar 8-5 Flux Up
by Paul Harden <pharden@aoc.nrao.edu>
- 2) [16920] Good Propagation?
by "Steve Galchutt" <n0tu@webaccess.net>
- 3) [16921] Re: elmer101: Sprint
by Bruce Rattray <rattray@gpfn.sk.ca>
- 4) [16922] Re: Microsoft security alert. (Not QRP)
by "Vincent Ferme" <vferme@sprint.ca>
- 5) [16923] 2M QRP Question -- THANKS!
by "Roger Asbury" <rlasbury@gvea.com>
- 6) [16924] Re: Good Propagation?
by "John J. McDonough" <jjmcd@tm.net>
- 7) [16925] UNSUBSCRIBE QRP-l
by "Stuart B.D. Hunt" <stuart001@ameritech.net>
- 8) [16926] 20 meters
by beaks@westco.net
- 9) [16927] Re: I'm b a c k...! & NWQ MTG
by "George T. Baker" <w5yr@swbell.net>
- 10) [16928] Toroid wire length
by Michael Maiorana <mikemo@ibm.net>
- 11) [16929] My SW40 is alive!!
by "Preston Buck" <pbuck@infoblvd.net>
- 12) [16930] Re: NorCal 20 and "Third World Project"
by "George T. Baker" <w5yr@swbell.net>
- 13) [16931] Re: Toroid wire length
by "Vincent Ferme" <vferme@sprint.ca>
- 14) [16932] Toroid question
by beaks@westco.net
- 15) [16933] (no subject)
by Arthur Moe <kb7ww@chatusa.com>
- 16) [16934] RE: Toroid wire length
by Tracy@bytemark.com (Tracy)
- 17) [16935] Re: strange signal
by "George T. Baker" <w5yr@swbell.net>
- 18) [16936] Re: Toroid question
by "Vincent Ferme" <vferme@sprint.ca>
- 19) [16937] Re: Wire/Rope Antennas

- by "George T. Baker" <w5yr@swbell.net>
- 20) [16938] Wire Antennas
by Josh.Gould@tiger.axom.com, KC8EQA <josh.gould@axom.com>
- 21) [16939] RE: Toroid question
by Tracy@bytemark.com (Tracy)
- 22) [16940] Re: (no subject)
by "George T. Baker" <w5yr@swbell.net>
- 23) [16941] ICQ system.
by "Vincent Ferme" <vferme@sprint.ca>
- 24) [16942] Re: Patch Panels vs Coax Switches
by herr@ridgecrest.ca.us (Michael Herr)
- 25) [16943] Re: Toroid wire length
by "Stan Goldstein" <Stan@cruzio.com>
- 26) [16944] Intelligent Radio
by Norm Melick <henmel@postoffice.worldnet.att.net>
- 27) [16945] Question: Pros and Cons of TenTec Omni D
by "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
- 28) [16946] Re: strange signal
by RangerSF5@aol.com
- 29) [16947] Minibeam Geometry Basics
by Dave Sjolín <sjolin@swbell.net>
- 30) [16948] Re: OHR - 400
by Paul Erickson <paule@sfu.ca>
- 31) [16949] Toroid wire length
by Tracy@bytemark.com (Tracy)
- 32) [16950] Re: Toroid wire length
by wa8rxi@juno.com (Rick Arzadon)
- 33) [16951] Re: strange signal
by "George T. Baker" <w5yr@swbell.net>
- 34) [16952] "This Old Dipole"
by "Marshall Emm" <mgemm@mtechnologies.com>
- 35) [16953] Artificial Ground
by Thomas Roth <th.roth@apc.de>
- 36) [16954] Look, Martha! Ranibow Enclosures Complete!
by "Doug Hauff" <slmachco@fix.net>
- 37) [16955] Another Elmer SW40+ is on the air
by "James A. Nadal" <janadal@earthlink.net>
- 38) [16956] Re: (no subject)
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 39) [16957] a bit of reorganization
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 40) [16958] QRP / ICQ
by Art Marshall <artm@t-com.com>
- 41) [16959] [CW] Retain the Code Tests
by Scott Howell <whowell@hq.nasa.gov>
- 42) [16960] <http://members.xoom.com/Aggie97/ham/>
by "Bryan Turner" <turnerw@email.uah.edu>
- 43) [16961] 10M last night

- by Tom Cooper <cooper@gmpvt.com>
- 44) [16962] Relay for 440 T/R switch
by David Shalita <af389@lafn.org>
- 45) [16963] Re: Good Propagation?
by Bruce Rattray <rattray@gpfn.sk.ca>
- 46) [16964] Re: (no subject)Moxon
by Arthur Moe <kb7ww@chatusa.com>
- 47) [16965] 1010 Contest...
by "ukii" <ukii@megsinet.net>
- 48) [16966] FS: Antenna Measurement Items
by Ed Manuel <n5em@flash.net>
- 49) [16967] Wire/Rope Quad
by jdenison@morelr.com (JOEL DENISON)
- 50) [16968] Propagation reports
by Vic Rosenthal <rakefet@rakefet.com>
- 51) [16969] RE: 10M last night
by Tracy@bytemark.com (Tracy)
- 52) [16970] propagation
by Steven Weber <kd1jv@moose.ncia.net>
- 53) [16971] FS: Antenna Measurement Items
by Ed Manuel <n5em@flash.net>
- 54) [16972] RE: 10M last night
by "Randy Moore" <wr.moore@worldnet.att.net>
- 55) [16973] Re: QRP / ICQ
by "George T. Baker" <w5yr@swbell.net>
- 56) [16974] Thanks to all...
by Mercxx@aol.com
- 57) [16975] GDO Question
by "Brad Hernlem" <alihernlem@hotmail.com>
- 58) [16976] Re:Sailin QRPer this Weekend
by Jim <kj5tf@madisoncounty.net>
- 59) [16977] Re: Relay for 440 T/R switch
by Zack Lau <zlau@arrl.org>
- 60) [16978] Re: 10M last night
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
- 61) [16979] Re: 10M last night
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 62) [16980] RE: radio shack clock
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
- 63) [16981] Re: Toroid question
by Leon Heller <leon@lfheller.demon.co.uk>
- 64) [16982] Re: Live Bug Construction
by Leon Heller <leon@lfheller.demon.co.uk>
- 65) [16983] Re: Circuit to measure capacitance with multimeter?
by Leon Heller <leon@lfheller.demon.co.uk>
- 66) [16984] Elmer sprint info
by Michael Maiorana <mikemo@ibm.net>
- 67) [16985] RF OUTPUT STAGE FOR 40M

by "Juan David Zuloaga" <hk4bmg@epm.net.co>
68) [16986] Re: strange signal
by Terry Conboy <terry.conboy@airtouch.com>
69) [16987] QRP Quarterly
by n4so@juno.com (charles k brown)
70) [16988] Re: QRP Quarterly
by KC5TJA <kc5tja@topaz.axisinternet.com>
71) [16989] Windows98
by Gary Evans <gevans@lightspeed.net>
72) [16990] Kenwood YK-88C-1 filter FS
by "Daniel Wee, 9V1ZV" <daniel@pandora.lugs.org.sg>
73) [16991] KC-2 problem
by Paul Erickson <paule@sfu.ca>
74) [16992] FS: W7EL 2w 40m QRP xcvr
by afpgreg@state.me.us (Paul V. Gregory)
75) [16993] Re: Strange signal
by KB0VCC/1 <kb0vcc@rocketmail.com>
76) [16994] FS Norcal Paddle Kit
by Elliott Lawrence <edl@pacbell.net>
77) [16995] 24 hour clock
by Walt Amos <waltk8cv@ameritech.net>
78) [16996] Propagation on 40 meters
by JACKS118@aol.com
79) [16997] nice 3 foot paddle cables...
by Conrad <radman@best.com>
80) [16998] Re: Windows98
by Shepherd@aol.com
81) [16999] Portable QRP--listen for me this weekend on 20m
by "David Ek" <ekdave@earthlink.net>
82) [17000] FS: LDG qrp tuner
by "Robert Andrew Bell" <rbell@uniserve.com>
83) [17001] Re: QRP Quarterly
by Mike - W0TMW <crucis@sky.net>
84) [17002] Re: FS Norcal Paddle Kit
by Elliott Lawrence <edl@pacbell.net>
85) [17003] Now Showing: August edition of The ARS Sojourner
by Richard Fisher <nu6sn@yahoo.com>
86) [17004] Re: Windows98
by mikerice@abtcorp.com (Mike Rice)
87) [17005] Re: KC-2 problem
by Paul Erickson <paule@sfu.ca>
88) [17006] QRP to me.
by Ed Loranger <we6w@qsl.net>
89) [17007] FS:SST-40 (assembled)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>

Date: Wed, 5 Aug 1998 17:14:46 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [16919] Solar 8-5 Flux Up
Message-ID: <Pine.SOL.3.91.980805170420.14971A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Solar flux is 127, with 130-135 forecasted next 3 days. After that, who knows ... maybe even higher! That means the MUF is high, check the higher bands, especially along the "grey line" (at dusk for possible good trans-equatorial and over-the-pole skip). Geomagnetic conditions are quiet. The sun is VERY quiet, so nothing in the immediate future to suggest any impending solar or geomagnetic disturbances. Could be a great weekend for working DX.

Enjoy, Paul NA5N

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 217 ISSUED AT 2200Z ON 05 AUG 1998

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. REGION 8293 COULD RAISE ACTIVITY LEVELS OVER THE NEXT THREE DAYS IF ADDITIONAL DEVELOPMENT OCCURS THERE.

"IF" is the operative word. Only some minor magnetic fields around a spot group exists ... but needs to grow tremendously before posing any threat.

IV. PENTICTON 10.7 CM FLUX
OBSERVED 05 AUG 127
PREDICTED 06 AUG-08 AUG 130/130/135
90 DAY MEAN 05 AUG 109

V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 04 AUG 008/009
ESTIMATED AFR/AP 05 AUG 010/010
PREDICTED AFR/AP 06 AUG-08 AUG 010/008-005/008-005/008

Date: Wed, 5 Aug 1998 17:22:35 -0600

From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [16920] Good Propagation?
Message-ID: <00b401bdc0c7\$f14ca980\$844a460f@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow...is anybody seeing improvements in the old either? ...with numbers like these things should be hot! (well, maybe warming up?)

>OBSERVED 05 AUG 127
>PREDICTED 06 AUG-08 AUG 130/130/135

72...Steve/n0tu

Date: Wed, 5 Aug 1998 17:30:04 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Michael Maiorana <mikemo@ibm.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16921] Re: elmer101: Sprint
Message-ID: <Pine.SOL.3.91.980805172839.24798B-100000@gpfn1.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Mike!...my 40+ is only partially together as the summer + family have put it on hold...may I jump in with my other stuff?...72 -
Bruce(VE5RC+VE5QRP)

Date: Wed, 5 Aug 1998 19:46:23 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16922] Re: Microsoft security alert. (Not QRP)
Message-ID: <000801bdc0cb\$41e28420\$0b3367d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

This one is legit. I have just received a message from Microsoft stating that there is a problem opening file attachments with long names in Outlook 98 and Outlook Express 4. Please check <http://www.microsoft.com/security/> for details, they have a patch available to fix the problem.

73/72 de Vince, VE3VFN.

Date: Wed, 5 Aug 1998 15:52:40 -0800
From: "Roger Asbury" <rlasbury@gvea.com>
To: "Listserv QRP" <qrp-l@Lehigh.EDU>
Subject: [16923] 2M QRP Question -- THANKS!
Message-ID: <001301bdc0cc\$21b7ffd0\$3f01010a@cns-rlasbury.gvea.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just want to say thank you to everyone who emailed me a response to my question on the Alinco C-1. Got tons of responses, and while I think I managed to reply to everyone, wanted to post just in case!

Decided to go for the Alinco DJ-S11 instead of the C-1. I got so many responses from owners or previous owners of the S11 that I looked into it. Decided it looked a bit more rugged. Ordered two of them today for 88 bucks from Ham Radio Outlet. They say I should have 'em on Friday!

Thanks for all the input and ideas!
Rog.

=====
Roger Asbury === GVEA Web Coordinator
rlasbury@gvea.com === 458-5872
 WL7NT
=====

Date: Wed, 5 Aug 1998 20:23:11 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <n0tu@webaccess.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [16924] Re: Good Propagation?
Message-ID: <199808060023.3122800@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

10 is wiiiide open, well, for fone and beacons. Occasionally catch a little glimpse of CW but not much. Better start heatin up the ionosphere down a little closer to 28.

72/73 de WB8RCR
didileydadidah

> From: Steve Galchutt <n0tu@webaccess.net>; owner-qrp-l@Lehigh.EDU
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Good Propagation?
> Date: Wednesday, August 05, 1998 7:22 PM
>
> Wow...is anybody seeing improvements in the old either? ...with numbers like
> these things should be hot! (well, maybe warming up?)
>
> >OBSERVED 05 AUG 127
> >PREDICTED 06 AUG-08 AUG 130/130/135
>
> 72...Steve/n0tu
>
>
>

Date: Wed, 05 Aug 1998 19:10:43 -0500
From: "Stuart B.D. Hunt" <stuart001@ameritech.net>
To: qrp-l@Lehigh.EDU
Subject: [16925] UNSUBSCRIBE QRP-1
Message-ID: <35C8F483.B22F8664@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=x-user-defined

Content-Transfer-Encoding: 7bit

Date: Wed, 05 Aug 1998 20:37:43 -0400
From: beaks@westco.net
To: qrp-l@Lehigh.EDU
Subject: [16926] 20 meters
Message-ID: <35C8FAD7.1D88@westco.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just finished working 9A8ZZ on 14.059 with 4 watts from WV (Index and a low Windom ant) got a 569! Still some Europeans and South/Central America coming in to West Virginia FB.
Arch N8EAG

Date: Wed, 05 Aug 1998 20:10:20 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: bill@willapabay.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16927] Re: I'm b a c k...! & NWQ MTG
Message-ID: <35C9027C.36B3F460@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill, FWIT, Norton Commander 3.0 runs fine under W95 here. Runs in a DOS window just like in DOS.

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Bill Todd wrote:

>
> Good Golly Miss Molly...
>

> My trusty mainstay computer is finally back on line, the result of getting
> the CD-ROM fixed. After that, everything went into place nicely.
> The CD-ROM problem turned out to be caused by a shorted out sound card,
> which has since been replaced.
>
> It would have been simple to just restore my tape backup "as is", but I did
> not want to re-introduce the Norton Commander/WIN 95 operating system in the
^^

Date: Wed, 05 Aug 1998 21:20:52 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [16928] Toroid wire length
Message-ID: <35C904F4.9622CFA4@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I remember seeing a table for winding toroids that told you how much wire to start with depending on the core type and the number of turns desired. I can not find it, ARRL handbook, amidon lit, Solid state design, transformer design handbook, QRP notebook, ARRL license manuals, etc.

If someone could please help me find this info I would appreciate it.

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Wed, 5 Aug 1998 21:25:57 -0400
From: "Preston Buck" <pbuck@infoblvd.net>
To: <qrp-1@Lehigh.EDU>
Subject: [16929] My SW40 is alive!!
Message-ID: <002301bdc0d9\$2a59b400\$b4805495@dragon-ship>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings all,

What a great weekend! I finally finished aligning my SW40, a pre-elmer 101

version. It only took 4 months. I was having a problem getting any audio and I could barely hear a BC station. I finally found the station with my big rig and I was below the 40M band. Took a turn off one of the toroids and went to bed. That was Saturday night. I spend most of Saturday afternoon in my hammock, reading QRP Quarterly. It is great to be alive.

Sunday came and I tried again. This time the bottom of I was at 7.023 MHz. Almost perfect and the CW signals were booming in. I figure my problem the night before was because the filters are too sharp to hear a BC station well and I was too far down to hear any other hams.

To make a short story shorter, I tuned the receive from 7.025 to 7.060MHz and the transmitter to a touch (very technical term) less than 2w.

My first QSO with the radio was N1SMB running 5 w in Manchester NH. Life is good.

Okay, what is next in the queue?

72

Preston, n0g1m, Southern NY State

Date: Wed, 05 Aug 1998 20:23:04 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: stephen@stevef.demon.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16930] Re: NorCal 20 and "Third World Project"
Message-ID: <35C90578.3AA22B80@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have not followed the technical description of the NorCal 20 very closely, but this talk of data mode operation raises the question in my mind as to the capability of the finals to handle 100% duty cycle over a useful period of time. Say, a minute or so at least for a rtty transmission.

CW duty cycle probably runs somewhat under 50% (can't recall the theoretical figure for "perfect" Morse right now) especially if you use light dots and lighter dashes - that used to be the recommendation when the early sweep-tube amplifiers came out!

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Stephen John Farthing wrote:

>
> In article <199808030249.TAA02922@netcom8.netcom.com>, Doug Faunt N6TQS
> +1-510-655-8604 <faunt@netcom.com> writes
> >I have sent off an order to NorCal for a NorCal 20 for myself, with
> >intentions of making a little RTTY rig out of it.
>
> Doug,
>
> I hope you will publish the modifications so that others can try
> it. Given the recent correspondence on the GQRP club list I, for one, am
> willing to try QRP Data modes. BTW the R2/T2 kits you bought over for me
> last year form the heart of a multi band RXTX project which Jan G0BBL,
> Alan G7PUB and I are developing using a DDS VF0. So far results are
> encouraging on the 40Meter prototype.
>
> >
> >I have also sent along another \$95. for a second rig to be sent along
> >to the G-QRP club to be distributed to those less fortunate, in
> >addition to the 500 units already provided for.
> >I encourage others to do this, If you can afford it.
> >
> >73, doug
> >
> >
> >
> A noble deed.
>
> 73 de
> --
> Stephen John Farthing MBCS G0XAR
> Melksham, Wiltshire UK
> RSGB G-QRP 7766

--

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Wed, 5 Aug 1998 21:32:37 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16931] Re: Toroid wire length
Message-ID: <004501bdc0da\$18f2a2c0\$0b3367d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Mike,

I'm sure there are others. The one I know and like is available on the G-QRP-Club web page under technical topics. While there, check the other tables Rev. Dobbs has prepared.

73/72 de Vince, VE3VFN.

P.S. I don't have the address on hand but you can get there from the NORCAL links page.

From: Michael Maiorana <mikemo@ibm.net>

>I remember seeing a table for winding toroids that told you how much
>wire to start with depending on the core type and the number of turns

Date: Wed, 05 Aug 1998 21:37:13 -0400
From: beaks@westco.net
To: qrp-1@Lehigh.EDU
Subject: [16932] Toroid question
Message-ID: <35C908C9.41A8@westco.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well it seems I wont be able to escape using toroids these days, so guess I better learn to be more at ease with them.
I have some good hamfests coming up around the area and I always see large trays of toroids which are all different (size, core, etc) What would be some common ones that I should have on hand? ARE there common

ones? There is no local source here in my area for toroids other than the fests or mail order so I dont know which ones would be good to stock up on. Going to pick the toroid book also to read up on them some.
Thanks in advance for the info!
Arch N8EAG

Date: Thu, 06 Aug 1998 01:41:30 -0700
From: Arthur Moe <kb7ww@chatusa.com>
To: qrp <qrp-1@Lehigh.EDU>
Subject: [16933] (no subject)
Message-ID: <35C96C3A.24F04222@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On L. B. Cebik, W4RNL, Web site there is a page about the Moxon Rectangles. I seem to to remember somewhere else that showed this antenna, but with dimensions for using tubing. Anyone out there help?

Thanks
Art
KB7WW

Date: Wed, 5 Aug 1998 22:07:49 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-1@Lehigh.EDU>, <mikemo@ibm.net>
Subject: [16934] RE: Toroid wire length
Message-ID: <000301bdc0df\$02d81ec0\$0d251ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Look at
<http://www.bytemark.com/amidon/iptcpd.htm> and
<http://www.bytemark.com/amidon/ipcsvswws.htm>

These tables have the information you need to calculate the amount of wire to wind a specific coil.

Simply take the height of the core x 2, and add it to the outside diameter minus the inside diameter for the total distance around the body of the core. If you want to be very critical, calculate the actual diameter of the turn as the above calculated number plus the diameter of the wire, and the degree of angle on the wind. Most of us just add a little to the total and have some left over.

The core size vs winding table will tell you how many turns will fit on a single layer winding. Your actual total should be 10% less, as you need about a 30 degree angle on the legs of the coil as they come off the toroid.

Hope this helps!

Tracy Markham, N4LGH

QRP-L#1453

ByteMark / Amidon

tracy@bytemark.com

www.bytemark.com/amidon

800 679-3184

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> Michael Maiorana

> Sent: Wednesday, August 05, 1998 9:21 PM

> To: Low Power Amateur Radio Discussion

> Subject: Toroid wire length

>

>

> I remember seeing a table for winding toroids that told you how much

> wire to start with depending on the core type and the number of turns

> desired. I can not find it, ARRL handbook, amidon lit, Solid state

> design, transformer design handbook, QRP notebook, ARRL license manuals,

> etc.

> If someone could please help me find this info I would appreciate it.

> --

> 72 de ku4qo

> Mike Maiorana

> Palm Harbor, FL

>

>

Date: Wed, 05 Aug 1998 20:47:30 -0500

From: "George T. Baker" <w5yr@swbell.net>

To: ag97@sendero.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16935] Re: strange signal
Message-ID: <35C90B32.7CD2FEE3@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Your URL is no longer working.

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Michael S. Williamson wrote:

>
> I've heard this weird fluttering signal many times and would like to
> know if anybody knows what it is. I'm thinking it's a jamming
> signal, but not sure.
>
> I put a .wav in here. Please excuse the excessive noise as my
> computer adds a lot of QRM
>
> <http://members.xoom.com/Aggie97/ham/>
>
> thanks and 73
> kc5cqm

--

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Wed, 5 Aug 1998 21:48:56 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16936] Re: Toroid question
Message-ID: <007f01bdc0dc\$602de300\$0b3367d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Arch,

I suggest T37-2, T37-6, T50-2, T50-6, FT37-43.

73/72 de Vince, VE3VFN.

From: beaks@westco.net <beaks@westco.net>
>large trays of toroids which are all different (size, core, etc) What
>would be some common ones that I should have on hand? ARE there common
>ones? There is no local source here in my area for toroids other than

Date: Wed, 05 Aug 1998 20:49:32 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: jdenison@morelr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16937] Re: Wire/Rope Antennas
Message-ID: <35C90BAC.16152134@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joel, you better not try it out just yet - the 10.7 cm flux prediction
is for 135 the next couple of days - you might fry something in the
"lower 47" !!! ;^)

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

JOEL DENISON wrote:

>
> High gang:
>
> got the antenna bug today as the 8jk was working real good and it was time
> for a change... :-)
> I put up a two element quad for forty meters cut it for 7.150... one
> director and driven element with twenty four foot spacing... the top is
> about 48ft high and the bottom about 8 to ten feet off the gnd... kinda low
> ... but I am curious enough to see what it will do...

> Driven element is 141ft and the director is 138ft 3in... feeding it
> with my "multi-splice" twinlead... rs 300ohms...
> Being able to make each side abt 35ft long sure has it taking up
> less space than a delta or some other configuration... will see what it does
> tonight... oh it's horizontally polarized... feeding it at the top, middle...
> kinda cute, hanging up there... Remindes me of the time....
> joel, in maine, looking for my first 40mtr contact on "the antenna" :-)
>
> Oh, oh, it's facing the lower 47... :-)
>
> God Bless
> Joel
>
> WA5CVM
> Joel Denison Gentle Lady (RC Sail Plane)(049 engine - start)
> PO BOX 542 DIPOLE on 40mtr
> Strong, Maine 04983 QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
> jdenison@morelr.com Use strong nets guys, the crawfish are big over here

--

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Tue, 4 Aug 98 21:48:41 -0000
From: Josh.Gould@tigger.axom.com, KC8EQA <josh.gould@axom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [16938] Wire Antennas
Message-ID: <199808060159.VAA01908@tigger.axom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

What are the mathmatics involved in the construction of a wire antenna?
What are the formulas and information that I need to construct a wire
antenna?

73 & tnx

Josh
KC8EQA

Date: Wed, 5 Aug 1998 22:13:15 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>, <beaks@westco.net>
Subject: [16939] RE: Toroid question
Message-ID: <000401bdc0df\$c5603ae0\$0d251ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Make sure you know who made them!!! Not that any particular ones are better, but the color codes are not a standard between manufacturers. If it's not clear exactly who the manufacturer is, don't buy them.

With that said, there is plenty of data available all over the place on all the manufacturer's part numbers. If you know who made it, you can get the spec's. You can get the spec's on most Amidon parts at <http://www.bytemark.com/amidon>

Several of our dealers travel the shows, and would be more than happy to serve you! If you stop by RT System's booth, tell Tracy that Tracy from ByteMark sent you!

Tracy Markham, N4LGH
QRP-L#1453
ByteMark / Amidon
tracy@bytemark.com
www.bytemark.com
800 679-3184

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
> beaks@westco.net

> Sent: Wednesday, August 05, 1998 9:37 PM

> To: Low Power Amateur Radio Discussion

> Subject: Toroid question

>

>

> Well it seems I wont be able to escape using toroids these days, so

> guess I better learn to be more at ease with them.

> I have some good hamfests coming up around the area and I always see

> large trays of toroids which are all different (size, core, etc) What

> would be some common ones that I should have on hand? ARE there common

> ones? There is no local source here in my area for toroids other than

> the fests or mail order so I dont know which ones would be good to stock

> up on. Going to pick the toroid book also to read up on them some.

> Thanks in advance for the info!

> Arch N8EAG

>

>

>

Date: Wed, 05 Aug 1998 20:56:07 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: kb7ww@chatusa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16940] Re: (no subject)
Message-ID: <35C90D37.F550CE7C@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try Moxon's book "HF Antennas for All Locations."

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Arthur Moe wrote:

>

> On L. B. Cebik, W4RNL, Web site there is a page about the Moxon
> Rectangles. I seem to to remember somewhere else that showed this
> antenna, but with dimensions for using tubing. Anyone out there
> help?

>

> Thanks

> Art

> KB7WW

Date: Wed, 5 Aug 1998 22:05:42 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16941] ICQ system.
Message-ID: <00a101bdc0de\$b80a5700\$0b3367d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recently installed ICQ and had a chance to use it for the first time yesterday. It's interesting, much better then IRC IMHO. I would like to add QRPers to my contact list.
My ICQ number is 14707011.

Thanks.

73/72 de Vince, VE3VFN.

Date: Wed, 5 Aug 1998 19:15:54 -0700 (PDT)
From: herr@ridgecrest.ca.us (Michael Herr)
To: qrp-1@Lehigh.EDU
Subject: [16942] Re: Patch Panels vs Coax Switches
Message-ID: <v01530500b1ee60155e8d@[208.138.142.172]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've been using a similar patch board set up for a couple of years now and love it. I chose to use TNC connectors for the rigs and BNC for the antennas, hopefully never to accidentally plug a rig into a rig. It's the way to go and now I'm going to do the same for the audio / key set up.

72

Mike WA6ARA

>>Interesting query Jim. In our equipment rooms we terminate all of our
>>DS-3 (50Megabit) equipment on patch panels, BNC connectors in back and
>>a
>>rather interesting connector on the front. Individual jack "modules"
>>slide
>>into the rack allowing the termination of individual pieces of
>>equipment
>>and cross connecting to other equipment locations using bnc-bnc patch
>>cables.
>>They come to fit in 19 and 23 inch wide standard telco equipment
>>racks. The
>>front panel jacks allow for test access or quick patching over to
>>other
>>circuits or equipment. Don't see why something like this wouldn't work
>>for

Date: Wed, 5 Aug 1998 19:21:21 -0700
From: "Stan Goldstein" <Stan@cruzio.com>
To: <mikemo@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [16943] Re: Toroid wire length
Message-ID: <199808060231.TAA24029@mail.cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I think it was one of the first issues of QRPp .

Perhaps the one with the norcal 40 on the cover.

Written By Mike Cz

Stan , N6XU

> I remember seeing a table for winding toroids that told you how much
> wire to start with depending on the core type and the number of turns
> desired.> If someone could please help me find this info I would
appreciate it.
> --

Date: Wed, 05 Aug 1998 20:26:46 -0700
From: Norm Melick <henmel@postoffice.worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [16944] Intelligent Radio
Message-ID: <35C92276.C52A34A6@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a couple of questions to those working on Randy
Henderson's Intelligent radio.

1. There are two resistors labeled R15 on the audio board, pg.8,
fig. 1-4. The schematic shows only one. What is the value for

R15 at the top left of the board, next to C14, and the one at the top right of IC3?

2. Could someone confirm the values of R19, and R21 A&B. Are they really 2.2 and 4.7 ohms, or did the "K"'s get dropped?

Thanks.

Norm

Date: Wed, 05 Aug 1998 23:31:02
From: "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [16945] Question: Pros and Cons of TenTec Omni D
Message-ID: <3.0.5.16.19980805233102.3d0fc85a@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a chance to buy a nice Omni D and was wondering if I could get some input about the good and bad points. Want to use it for QRP in the shack.

Thanks for all the input in advance.

Gary

=====
72/73
Gary - W2UX
Lexington, SC
CW is the REAL Thing!!
Use it or Lose it.
=====

Date: Wed, 5 Aug 1998 23:44:21 EDT
From: RangerSF5@aol.com
To: w5yr@swbell.net, qrp-1@Lehigh.EDU
Subject: [16946] Re: strange signal
Message-ID: <6c363270.35c92696@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-08-05 22:19:08 EDT, you write:

<<

Your URL is no longer working.

I also tried it but all I received was an invitation to join XOOM

Bob

WA2HOQ

Date: Wed, 05 Aug 1998 22:48:07 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: kb7ww@chatusa.com, Qrp-1 Reflector <qrp-1@Lehigh.EDU>
Subject: [16947] Minibeam Geometry Basics
Message-ID: <35C92777.8E0E93C9@swbell.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----0B198E31471632646A94FA8B"

This is a multi-part message in MIME format.

-----0B198E31471632646A94FA8B
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Art, attached is some info on Moxon beams from N1RCT's website.
73 de Dave, N0IT

<http://www.megalink.net/~n1rct/ant/geo/beamgeom.html>

=====
<http://www.megalink.net/~n1rct/ant/geo/beamgeom.html>
-----0B198E31471632646A94FA8B
Content-Type: text/html; charset=us-ascii; name="beamgeom.html"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="beamgeom.html"
Content-Base: "http://www.megalink.net/~n1rct/ant/geo/beamgeom.html"

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2//EN">

<HTML>

<HEAD>

<TITLE>Minibeam Geometry Basics</TITLE>

<META NAME="Author" CONTENT="Dick Stevens">

<META NAME="GENERATOR" CONTENT="Mozilla/3.04Gold (Win95; I) [Netscape]">

<META NAME="Description" CONTENT="A simple tutorial and how the more complex minibeam arrangements evolved from the simple dipole.">

<META NAME="KeyWords" CONTENT="N1RCT, antenna, ham radio">

<HR WIDTH="100%">

The last variation we will show is the "Hex" beam which is a re-angling of the X-Beam arms from 45 degrees to 30 degrees and the addition of two insulating arms to move the ends out at an angle. Actually, drawing this in a box is not a pure hexagon; a circle with the arms as radii is the correct shape, in order that the insulated rod be the same length as the other arms. This arrangement solves the F/B problem of the X-Beam and further reduces the turning radius (to about 10 feet for a 20M beam). Is this the ultimate? Probably, in a practical sense, but we can visualize something like a Pfeiffer Quad element cut up a bit. Les Moxon, G6XN has designs that get into the three-dimensional realm by bending the insulated arms of the VK2ABQ beam up in the air and using them as a 3-D multi-band antenna (which look much like the sail on a Polynesian canoe).

<HR WIDTH="100%">

Starting with the VK2ABQ design, these antennas are low windage and low weight and are quite at home on a TV rotor and light-weight tubing pole/towers. Often the gain of the resulting antenna structure can be higher if we can get a light-weight, low windage antenna up higher than we could a larger and heavier antenna. Height is all-important and the mini-beams are much easier to get up high. The light weight of the pole and antenna permit small ropes for guy wires .. I use 3/16" Dacron every 10' and the guy anchors are ordinary screw hooks in trees and buildings. The resulting 52 foot structure for 20 meters I use has quite a low visibility. The cost is a small fraction of the conventional tower arrangements and the low angle gain at 52 feet is better than a THREE element monoband Yagi at 37 feet.

With inexpensive poles and rotors, monobanders for 15 and 10 meters on their own arrangements become practical and permit a second rig for monitoring other bands while calling CQ on the main rig. Multi-band antennas are not good for this. </P>

<P>

<HR WIDTH="100%">If you have comments, suggestions, or questions E-Mail me now!

</P>

<CENTER><P>You are number to arrive since 9 Feb '98</P></CENTER>

</BODY>

</HTML>

-----0B198E31471632646A94FA8B--

Date: Wed, 5 Aug 1998 21:03:02 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: n6mm@earthlink.net
Cc: qrp-l@Lehigh.EDU (qrp)
Subject: [16948] Re: OHR - 400
Message-ID: <199808060403.VAA21007@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi there,

I'm hoping some of the OHR 400 wizards out there can help me.

I am trying to get the thing sorted out again, and going through the alignment procedure, I cannot get the vfo to resonate at 23.00mhz as per the directions. The highest I can get l104 to adjust to is 22.80. I suspect something is wrong at c124, c125, c126, or c127.

Any thoughts?

cheers, Paul VE7CQK/email: paule@fraser.sfu.ca

Date: Thu, 6 Aug 1998 00:29:22 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [16949] Toroid wire length
Message-ID: <000a01bdc0f2\$c9467b20\$0d251ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Also check
<http://www.bytemark.com/amidon/coprwt.htm>

for the data to calculate the DC resistance of the wire, and other data on

various guages of wire.

Tracy

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Tracy

> Sent: Wednesday, August 05, 1998 10:08 PM

> To: Low Power Amateur Radio Discussion

> Subject: RE: Toroid wire length

>

>

> Look at

> <http://www.bytemark.com/amidon/iptcpd.htm> and

> <http://www.bytemark.com/amidon/ipcsvsws.htm>

>

> These tables have the information you need to calculate the amount of wire
> to wind a specific coil.

>

> Simply take the height of the core x 2, and add it to the outside diameter
> minus the inside diameter for the total distance around the body of the
> core. If you want to be very critical, calculate the actual

> diameter of the

> turn as the above calculated number plus the diameter of the wire, and the
> degree of angle on the wind. Most of us just add a little to the total and
> have some left over.

>

> The core size vs winding table will tell you how many turns will fit on a
> single layer winding. Your actual total should be 10% less, as you need
> about a 30 degree angle on the legs of the coil as they come off
> the toroid.

>

> Hope this helps!

> Tracy Markham, N4LGH

> QRP-L#1453

> ByteMark / Amidon

> tracy@bytemark.com

> www.bytemark.com/amidon

> 800 679-3184

>

>

> > -----Original Message-----

> > From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> > Michael Maiorana

> > Sent: Wednesday, August 05, 1998 9:21 PM

> > To: Low Power Amateur Radio Discussion

> > Subject: Toroid wire length

> >

> >
> > I remember seeing a table for winding toroids that told you how much
> > wire to start with depending on the core type and the number of turns
> > desired. I can not find it, ARRL handbook, amdon lit, Solid state
> > design, transformer design handbook, QRP notebook, ARRL license manuals,
> > etc.
> > If someone could please help me find this info I would appreciate it.
> > --
> > 72 de ku4qo
> > Mike Maiorana
> > Palm Harbor, FL
> >
> >
>
>
>

Date: Thu, 06 Aug 1998 00:07:51 EDT
From: wa8rxi@juno.com (Rick Arzadon)
To: mikemo@ibm.net
Cc: qrp-1@Lehigh.EDU
Subject: [16950] Re: Toroid wire length
Message-ID: <19980806.040757.4775.5.WA8RXI@juno.com>

Mike,
At one time you could obtain papers on various subjects written by Doug
DeMaw, W1FB from OHR.
The one I have is File T-1A Dated August 1988.
Under the heading of "Winding your Toroid" is:

"We tend to waste magnet wire when we wind toroids. This is because we
guess at the required length for X number of turns. We can avoid this
waste by first determining the necessary number of turns. Next, wrap one
turn around the Toroid, remove it, then measure its length. Multiply the
length by the require number of turns, and allow two extra inches of wire
for the leads at the end of the winding."
72, Rick Arzadon - WA8RXI Taylor, MI.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 05 Aug 1998 23:09:44 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: RangerSF5@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [16951] Re: strange signal
Message-ID: <35C92C87.3B6686E1@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It is working now - what a curious sound!

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

RangerSF5@aol.com wrote:

>
> In a message dated 98-08-05 22:19:08 EDT, you write:
>
> <<
> Your URL is no longer working.
> I also tried it but all I received was an invitation to join XOOM
> Bob
> WA2HQO

Date: Wed, 5 Aug 1998 23:30:32 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU
Subject: [16952] "This Old Dipole"
Message-ID: <199808060530.XAA00611@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The Colorado QRP Club conducted an antenna workshop at my QTH on Sunday. The project was to remove an old 40M coax fed dipole and replace it with a new one fed with 300 Ohm ladder line. It was done as a "proper" workshop and documented, complete with many photos. You'll find the writeup as an "on line full text article" via <http://www.mtechnologies.com/info.htm>.

73

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382

--

Date: Thu, 06 Aug 1998 09:33:13 +0200
From: Thomas Roth <th.roth@apc.de>
To: qrp-1@Lehigh.EDU
Subject: [16953] Artificial Ground
Message-ID: <3.0.32.19980806093224.006979a4@apc.de>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

.....as usual there have been loads of replies. Thanks a lot all of you,
you really are a great bunch.....

72 s de Thomas, DL40BN, G-QRP #5672

Date: Thu, 6 Aug 1998 04:45:36 -0700
From: "Doug Hauff" <slmachco@fix.net>
To: <qrp-1@Lehigh.EDU>
Subject: [16954] Look, Martha! Ranibow Enclosures Complete!
Message-ID: <199808060742.AAA25490@fletch.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

It's True! The enclosures are at the anodizer's, to return Friday, covers
are anodized, on new vertical machining center for engraving (wait'll you
see 'em! 0000hhhh...), kitting to begin this weekend...shipping next
week!! And it's still 1998!! Yow! And....new stuff in the works! I love
having TWO vertical machining centers!! Work is fun again!! HUGE thanks
to George Heron for all his support and incredible patience! MY PROMISE:
No More Endless Delays!... New machine! New software!(Twice!) New

shipping system! And no compromise of my total commitment to ultimate quality, optimum functional design, and unique classy appearance!
Thanks, all! 72 Doug Hauff KE6RIE

PS There are a few enclosures unspoken for...info www.fix.net/~slmachco/

Date: Thu, 6 Aug 1998 02:37:35 -0700 (PDT)
From: "James A. Nadal" <janadal@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [16955] Another Elmer SW40+ is on the air
Message-ID: <199808060937.CAA09297@avocet.prod.itd.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Last weekend I had time to finish my Small Wonders SW40+ I purchased as part of the Elmer 101 group. I aligned it without a hitch using a "tin can" dummy load and SWR/wattmeter.

Last night I tried it on the air for the first time. My setup consisted of my Norcal Paddles, a Tick-EMB keyer(in an Altoid tin), the SW40+, and Emtech Z2 tuner into a long wire in the pine trees around my house. All this equipment had never been on the air until yesterday. The Z2 has a very sharp tuning range. With a little practice I was able to make the LED SWR indicator turn off. My intention was to telephone KM6AB who lives 4 miles away and schedule with him to check out my rig on the air. Before I called him, just for the "halibut" I decided to send CQ over the air. Boy was I shocked to get a reply after sending this one series of CQs! N6QU from Yuma, AZ (about 300 miles away) quickly replied. He gave me a 589, said the rig had great tone, and congratulated me on how well my QRP setup was coming in at his QTH. He was running a Kenwood TS-570S into a dipole.

What a thrill! All that time at the workbench putting all this gear together reaped a big reward last night! This QRP stuff is fun! I couldn't get the grin off my face until bed time.

My next task is to finish the radials on the Saint Louis vertical so that I

can get on the air with a completely home built setup.

Thanks to the Elmer 101 crew; Emtech, Embedded Research, and Small Wonders for their great products; Norcal; and all the participants in this list server who made me aware of QRP Power!

72s,
Jim
WA6RYA

Date: Thu, 6 Aug 1998 06:15:09 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Arthur Moe <kb7ww@chatusa.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16956] Re: (no subject)
Message-ID: <Pine.GS0.3.96.980806061211.15047B-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 6 Aug 1998, Arthur Moe wrote:

> On L. B. Cebik, W4RNL, Web site there is a page about the Moxon
> Rectangles. I seem to to remember somewhere else that showed this
> antenna, but with dimensions for using tubing. Anyone out there
> help?

There are 2 Moxon pieces at the web site (URL in my signature line below). One appeared in QRPP and has wire dimensions for Moxon rectangles from 10-40 meters. The other shows an all-aluminum Moxon for 10 meters, a more extended version of which should appear in the next Antenna Compendium. They may be listed in two separate parts of the directory of notes there. I also did an initial study of the Moxon rectangle for Communications Quarterly, now 2 or 3 years ago--there is a reference in the bibliography listing. Hope this helps.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\ /\ *	/ / /	(Off) (423) 974-7215
1434 High Mesa Drive	/ \/\ \/\	----/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\ \ \ \ /	/ / /	(FAX) (423) 974-3509
37938-4443 USA	/ \ \ \ \		cebik@utk.edu
URL: http://web.utk.edu/~cebik/radio.html			

Date: Thu, 6 Aug 1998 07:38:01 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@Lehigh.EDU>, towertalk@contesting.com, antennas@qth.net,
gqrp-l@blacksheep.org
Subject: [16957] a bit of reorganization
Message-ID: <Pine.GS0.3.96.980806072745.16004A-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

When I started my "radio" page, I thought I might end up with perhaps a half dozen linked articles, and so I placed all the links at the top and the few reading items at the bottom.

Time (and some inquiries from a number of kind folks) has dictated a change. I have moved the organizational links to a separate page. The listing of articles is now at the top, with other antenna info links below that. I hope this helps you find faster what you may be looking for.

Nothing new today except the reorganization, but I hope to have some 2-element quad notes ready within a week. They will, if all goes as planned, include model descriptions of 3 different 5-band designs.

If you link to the site, you may wish to update the URL to what is in the signature line. The old "funnelweb" version will die by the end of the year. I sincerely appreciate the continuing interest that many of you have in the site materials.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\ /\ *	/ / /	(Off)(423) 974-7215
1434 High Mesa Drive	/ \ / \	----/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\ \ \ \	/ / /	(FAX)(423) 974-3509
37938-4443 USA	/ \ \ \ \		cebik@utk.edu
URL:	http://web.utk.edu/~cebik/radio.html		

Date: Thu, 6 Aug 1998 07:48:51 -0400
From: Art Marshall <artm@t-com.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [16958] QRP / ICQ
Message-ID: <01BDC10E.A91265A0@PC-ART.t-com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have a large list of QRP ICQ identifiers if anyone wants it Ill post it on hr,
let me know tks 73 Art w1fji
w1fji@vistech.net

Date: Thu, 06 Aug 1998 08:51:32 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@Lehigh.EDU
Subject: [16959] [CW] Retain the Code Tests
Message-ID: <3.0.5.32.19980806085132.007de640@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

yes, this message touches on why code requirements should be maintained,
but yet there is a even greater message to be found in the text below.
Please read this and pay close attention to why not only is cw so
important, but the other aspect of why Hams are so important. Yes, this is
a hoby, but a hoby after what it truly is and that is a service. S0me join
in for the hoby aspect, I have found both and so this message really was
more of an inspiration to me. I hope you will also find the same in it.

73 to all of you.
I think the folk on this list and the folk on the cw list are truly the
best folk around.
n3byy

>X-Authentication-Warning: ns3.qth.net: majordom set sender to
owner-cw@qth.net using -f
>From: ny2v_fred@juno.com
>To: cw@qth.net
>Cc: bzeller@oswego.edu, gferdinand@ipass.net, k2dn@juno.com,
k2kir@telenet.net,
> mox@buffnet.net, n2akz@juno.com, n2eh@frontiernet.net,
n2ltc@juno.com,
> n2yjjz@ulster.net, n4ghi@juno.com, nkrch@worldnet.att.net,

> ny2v_fred@juno.com, w2mta@juno.com, w2ygw1@juno.com,
> welliz@telenet.net, zorn@pcola.gulf.net, 103520.355@compuserve.com,
> bc348@sprintmail.com, ebjr@worldnet.att.net, jmmozley@dreamscape.com,
> jwalsh@teleport.com, k6dzy@netdex.com, N6WR@delphi.com,
nancy@tir.com,
> ootc@ticnet.com, w2rbk@aol.com, w4zc@cais.com, WRIGHTJK@aol.com,
> YoDoc@aol.com
>Date: Wed, 5 Aug 1998 20:51:52 -0400
>Subject: [CW] Retain the Code Tests
>X-Mailer: Juno 2.0.9
>Sender: owner-cw@qth.net
>
>

>Traffic Nets as a Public Service, & the Role of Morse Code -- Past,
>Present, & Future

>=====

>There are compelling arguments for keeping the current CW test
>requirements unchanged - CW Net Operations. This explanation is lengthy,
>but as brief as possible considering its complexity. It will insult some
>phone operators without intending to do so. My apologies if many readers
>take my statements as insults to their abilities.

>

>CW, cw, Code, code, etc. in this message all refer to the International
>Morse Code. Traffic and message refer to ARRL Radiograms, the wireless
>equivalent of a Telegram.

>

>1. How traffic nets operate and their service to the public.

>

>The most streamlined, efficient, accurate, highly trained message
>handling system in the world is the ARRL's National Traffic System. The
>system is made up of over 500 nets which operate 365 days a year. This is
>done, handling relatively low priority messages, to keep the operators
>honed to a fine edge re reliability and operating ability.

>

>Nets meet in an 'up-down ladder' system, most at the same times in their
>particular time zones. The result is a systematic, repeating system of
>meeting and relaying traffic, at the same geographical level, and in/out
>of the geographical coverage of the particular net if it is at Section
>level (a State or part of a large State), or Region level (close to the
>same geographical coverage as the Call Areas). Area nets meet at the
>apex of the up-down ladder vs. time each day, and move messages between
>Regions, and across Area boundaries which correspond to the time zones.
>The system is so flexible that it can be run continuously in an
>interleaved schema, or only parts of it can be operated, depending on the
>nature of the emergency situation which justifies having a National
>Traffic System at all.

>

>Unlike tactical ham radio communications at the site of an emergency, the

>NTS uses a standard message format, including a system of message
>priorities. Most NTS operators act as liaisons between the tactical nets
>(generally ARES - Amateur Radio Emerg. Service - nets) and the traffic
>nets. Briefly, the purpose of all this is primarily to handle Welfare
>traffic out of an emergency locale and onward to concerned relatives etc.
>who cannot get through due to overloaded (or in worst cases,
>non-functioning) telephone circuits.

>

>The ARRL has written agreements with various served agencies (such as the
>Red Cross) to come to their aid when needed. It is on these occasions
>that the daily practice pays off, and Radio Amateurs prove their worth as
>Public Service Communicators. As far as relaying message traffic goes, it
>was once a "trunk-line" system, something like the elite ARRL
>Transcontinental Corps of today. It is where the American RADIO RELAY
>League got its name, and why it keeps that name.

>

>2. Why CW is better than any other mode for handling traffic.

>

>FM on VHF and UHF are best for ARES tactical communications and for the
>relaying of formal traffic in/out of a small area.

>

>For moving traffic beyond those limits, the NTS operating on HF is
>designed for that. On crowded weekends, and during the evening hours, CW
>(Morse Code) is the mode of choice. It was the original mode, and to
>this day, the most disciplined operators are those who use CW. Why? The
>accuracy of a message, right down to where "line breaks" in an address
>go, is hypercritical. CW involves one character at a time, with special
>signals for going to the next line, etc. Digital modes work the same
>way, but have yet to prove worth the effort when operating in nets.

>

>At the Area Net level, and at the Transcontinental Corps levels, where
>net-to-net long-haul traffic is being handled, digital modes excel.
>Below that level, CW and voice excel, with CW holding the prize for
>appropriateness and especially for accuracy. Surprisingly, speed is high
>on CW, since little needs repeating or spelling out in phonetics -- a
>time waster (and a spelling test) on SSB or even FM.

>

>And, again, a CW Net operator seems a breed apart. Most of these HAVE to
>liaison with SSB and FM nets to get the traffic moved. The reverse is
>rarely true. Few FM Local Net or SSB Section Net operators, and even
>fewer ARES tactical operators, have seen fit to operate in CW nets.
>Thus, operators like myself are oft referred to as "multi-mode" traffic
>handlers, a breed apart, and without doubt the most serious ham operators
>in the world.

>

>After all, the messages are on behalf of the public, and it is our duty
>to be accurate and efficient. CW continues to do this best in most NTS
>traffic nets. If I see an obvious error in a message, I can almost

>always trace it to an unintentional SSB or FM voice traffic net operator
>error. I use these nets myself, and even there, seem to bring with me
>the operating discipline so necessary on CW.

>

>During poor HF band conditions, the ability to use CW, even on a phone
>net, is critical. I have done it many times, although in recent history
>I have done it less as the code testing, and thus the interest in code
>per se, has brought us more and more phone operators who drop the code
>when the test is passed. This phenomenon is nothing new -- it dates back
>to post WWI, but there is no reason to aggravate the situation.

>

>3. How this service will be degraded if CW test requirements change.

>

>There ARE HF traffic training nets, but most operate at well above 5wpm,
>most at 13wpm. Virtually all Section nets operate at roughly 20wpm, and
>some such as I operate in go at 25 wpm or even faster. Region nets seem
>to move at least at 25 wpm. Area nets move that fast or much faster,
>depending on operators' abilities and band conditions. Transcontinental
>Corps operators also operate at the highest feasible speed when using CW.
> It takes guts to become a CW traffic handler. As all of them will
>agree, however, it comes easy with practice, and is highly rewarding, to
>the ham, and to the public in time of emergency.

>

>If the licensing requirements are dumbed down to 5 wpm, or ultimately no
>CW testing at all, few hams will need to learn Morse Code, or learn it at
>a conversational speed, and the whole serious Public Service part of our
>Service (not hobby, Service) will suffer for it.

>

>If not exposed to code as a test element, few hams will pursue it just
>out of curiosity. As it is, few hams today, who passed tests at 20wpm,
>can operate CW at all any more. Yet, surveys show that these same hams
>support CW as a test requirement. The issue of Morse Code as a license
>separator and as an incentive to upgrade to licenses offering more
>frequency and mode privileges has worked since Amateur testing began.

>

>To streamline the testing on the premise that Morse Code is obsolete and
>no longer relevant will have a heavy long-term impact on the ability of
>the National Traffic System, and independent traffic nets, to maintain
>one of the few justifications for ham radio's existence -- Traffic
>Handling (i.e. Radio Relay).

>

>This subject is getting all too little attention, and I have thus
>separated it from my fundamental proposition that we do not need or want
>a dumbed-down Amateur Radio hobby, we want an Amateur Radio Service with
>strong licensing integrity which both our young and our retired will see
>as a worthwhile endeavor (which it IS).

>

>Individuals' computers often fail. Sophisticated digital communications

>devices also can fail. On 1999-Dec-31, we will all hold our breaths that
>chaos does not prevail. In the meantime, hand keys, semi-automatic keys,
>and most keyers will NOT fail. Thus, International Morse Code can
>prevail with even a homemade key, a small transceiver, a battery, and
>some antenna wire.

>

>I have used such a setup to CONTROL the New York State CW Net, and few
>operators knew the difference other than a slightly weaker received
>signal. And although irrelevant to Amateur Radio, the day WILL come when
>the lack of a ham shack with a code key in it will prove to be the
>downfall of some large ship at sea. History will repeat itself, not due
>to operator stupidity, but due to not adhering, as at least a backup, to
>the KISS principle. Let us not destroy the last bastion of Morse Code
>knowledge and expertise by dumbing down code test requirements for
>licenses in the Amateur Radio SERVICE.

>

>For those who find all this trivial, too complicated, or both, you
>perhaps need to join us traffic handlers. We are Paying the Freight in
>the Amateur Radio SERVICE, and neither my fellow hams nor the FCC should
>forget that fact. Want a corps of trained operators? We have some now.
>Will we have any in the future?

>

>Regards,

>

>

>Frederick V. Adsit, NY2V, tested entirely by paid FCC Examiners.
>Radio Amateur for 50 Years; NTS/ARES operator for the Past 25 Years.
>Member--ARRL. Member--FISTS, the International Morse Preservation
>Society.

>

>P.S. Remember the satellite outage this spring, and the non-working
>paggers?

>

>And, last evening, my cable TV went blank, and the operator said the
>service would be down for seven hours for upgrading. No prior notice was
>given. Good thing my (and some business's) Internet service and
>telephone service were not piped though those same fiber optic/coaxial
>cable nodes.... Meanwhile, I worked some CW, using Wireless. Think
>about it, and do not make changes that reap no benefits. Legislation
>cannot be easily reversed. Dumbing down ham radio is a short-sighted and
>grievous mistake. Contributing to jeopardizing the future of the ARRL
>National Traffic System is one major part of such a mistake.

><

>

>< * * * * * THE CW REFLECTOR * * * * * >

>__Subscribe To: Majordomo@qth.net with Body: subscribe cw

>__Unsubscribe To: Majordomo@qth.net with Body: unsubscribe cw

>__To post, send to cw@qth.net please, CW issues only

>__For digest version, Subscribe to cw-digest through majordomo@qth.net

>__For archives of postings, see web page
http://www.qth.net/cw-digest.archive
>__To contact list owner, email to owner-cw@qth.net
>
>
>

Date: Thu, 6 Aug 1998 08:37:10 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: ag97@sendero.net
Cc: qrp-1@Lehigh.EDU
Subject: [16960] http://members.xoom.com/Aggie97/ham/
Message-ID: <199808061338.IAA32423@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

http://members.xoom.com/Aggie97/ham/

You were right - that is the famous (or infamous) bubble jamming
signal.

73 Bryan W8LN

Date: Thu, 06 Aug 1998 09:38:37 -0400
From: Tom Cooper <cooper@gmpvt.com>
To: qrp-1@Lehigh.EDU
Subject: [16961] 10M last night
Message-ID: <3.0.5.32.19980806093837.007b7ab0@web.gmpvt.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I listened to 10M last night around 9PM EDT (0100Z) and it was still alive.
N0UR and I had a nice qrp-to-qrp chat at 0110Z, long after 10m is usually
dead.

Give out a CQ on 28040 even at odd hours and you might be surprised. If we
all
just listen we won't hear anything.

Tom W1EAT

Date: Thu, 06 Aug 1998 06:45:05 -0700
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Cc: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Subject: [16962] Relay for 440 T/R switch
Message-ID: <35C9B361.92587B11@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I need an RF sensed T/R switch for bypassing during transmit,
a 440 resonator I built. First choice is design using relay.
Can someone suggest suitable relays for this type circuit,
Two I have tried, not for RF, failed with large capacity.

Need source such as DigiKey, Mouser, and part numbers.

If a circuit and layout was available, that would be nice also.

Must be able to switch 20 watt RF source.

Thanks for any help.

73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Thu, 6 Aug 1998 07:55:17 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Steve Galchutt <n0tu@webaccess.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16963] Re: Good Propagation?
Message-ID: <Pine.SOL.3.91.980806075346.8653A-1000000@gpfn1.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Steve et al....I heard signals on 10 mtrs for the first time in a

looooooooooooooooooooo time yesterday; both ssb & cw.....listened for the fox hunt and called around 28.4000 but no go...72 - Bruce(VE5RC+VE5QRP)

On Wed, 5 Aug 1998, Steve Galchutt wrote:

> Wow...is anybody seeing improvements in the old either? ...with numbers like
> these things should be hot! (well, maybe warming up?)

>

> >OBSERVED 05 AUG 127

> >PREDICTED 06 AUG-08 AUG 130/130/135

>

> 72...Steve/n0tu

>

>

>

>

>

Date: Thu, 06 Aug 1998 13:58:12 -0700

From: Arthur Moe <kb7ww@chatusa.com>

To: cebik@utkux.utcc.utk.edu

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [16964] Re: (no subject)Moxon

Message-ID: <35CA18E4.3598171E@chatusa.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Thanks. to all who offered information.

Art

KB7WW

Date: Thu, 6 Aug 1998 09:02:11 -0500

From: "ukii" <ukii@megsinet.net>

To: "qrp-1" <qrp-1@Lehigh.EDU>

Subject: [16965] 1010 Contest...

Message-ID: <008801bdc142\$d21907e0\$f0e551d1@ns1.megsinet.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello Gang...

Been a while since I got a chance to post something here.

Been real busy with the remodeling but did manage to get a

51ft Triex tower up! Yeah! Finally a place to put a REAL antenna!

Gonna put a LightningBolt 2 element quad up...

Anyway, had time to play radio this weekend and worked the

1010 10meter contest. Its was SSB this time. I ran 1.5 watts

and made 200+ contacts including 2 qrpers. One asked me for

my qrp-l, the other I sent info on how to get on the list...

Lots of fun,,, worked WP4 an LU and PY... Man, thats pretty far but I

want to get my Icom735 UNDER 1 watts (???)...

Ok, whats the deal with the Zombie badges? Do you have

to be from Zombabawe to get one?

Well, waiting for the next kit (10meter cw please!) from NorCal so
please hurry up and get it done... Thanks Elmucho!

73 de john

n9ukx

Date: Thu, 06 Aug 1998 08:58:43 -0500

From: Ed Manuel <n5em@flash.net>

To: qrp-l@Lehigh.EDU

Cc: hqrp@stevens.com, hats@stevens.com

Subject: [16966] FS: Antenna Measurement Items

Message-ID: <3.0.5.32.19980806085843.00914100@pop.flash.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Time to clean the shack a bit.

For Sale:

1. Palomar Engineers RF Noise Bridge \$50

2. MFJ Model 209 HF/VHF SWR Analyzer \$75

<http://www.mfjenterprises.com/analyzers/mfj209.html> to see the catalog page
at MFJ

3. Autek RF-1 Analyzer \$75

<http://www.fix.net/~jparker/norcal/software/software.htm> to learn about
what you can do with an RF-1 - disk with the software included. Note:
Can't find the original 2 page "manual". See the QRP-P article for the
definitive manual - copy included.

All items include shipping in the US.

72 from sunny Houston

Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Thu, 6 Aug 1998 09:19:31 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [16967] Wire/Rope Quad
Message-ID: <199808061419.JAA16571@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High gang

Well, schucks, gosh darn... what a disappointment... my new high tech wire ant does great on noise but not very well on radio signals...

big disappointment... seems the half square and yagi and 8jk are the antennas that will work best from here...

What a shame... this was the best I have been able to hang the quad ant... got the little rascal nice and square...

I hate to abandon 40mtrs, however the ants for this band are rather long and the band is noisy... maybe thirty and twenty...

I'll hang on to this one a bit longer as it sure looks impressive... kinda reminds me of a date I once had... :) that fizzled also... :-)

joel, in maine, thinking of dixie land... srry momma... ur cajun son done bad this time...

God Bless
Joel

WA5CVM

Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - start)
PO BOX 542	DIPOLE on 40mtr
Strong, Maine 04983	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com	Use strong nets guys, the crawfish are big over here

Date: Thu, 06 Aug 1998 07:38:34 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16968] Propagation reports
Message-ID: <35C9BFEA.124606CB@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All of you guys announcing '10 meters is open....' etc., please give the TIME in UTC that you heard or worked whatever!

That will give us guys who do not have a lot of time to operate a good idea of when to check. Also, make sure you indicate where you are located; call areas don't mean too much (viz., my call).

Vic, K2VC0
Fresno CA

Date: Thu, 6 Aug 1998 11:07:30 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-1@Lehigh.EDU>, <cooper@gmpvt.com>
Subject: [16969] RE: 10M last night
Message-ID: <0000001bdc14b\$ee8bf6e0\$5f211ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It's called "Making the band open," and is a well known phenomena to those of us who have been on the band a few sunspot cycles.

Picture this -- there are hundreds of guys working on their projects, computers, card games, etc, with the 10M rig on in the background. They hear someone call, so they answer ...

>From your side, the band is dead so you just holler CQ a time or two. Flip

the T/R switch, and, WOW, signals all over the place. Did you do that?

YUP!!! The band was wide open the whole time, just no one realized it. I think this happens more on 6 meters, but that's my personal opinion as I monitor 6 more often than 10 nowadays ..

Keep listening to the band, it's the only way you can catch the short sporadic E skip. If you know of any beacon freq.'s, monitor there they are a great way to tell where the propagation is open to. There was a 10 meter freq., I don't remember, but there were several beacons on the same freq. and you could tell to what part of the country the band was open by which beacons you could hear.

The best way to find out is still to just call a CQ and see what happens!

Good Luck!

Tracy N4LGH

QRP-L #1453

(Hey, Digest Guys -- I'm learning to delete the quotes! Your posts do not go unnoticed ...)

Date: Thu, 06 Aug 1998 10:02:32
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [16970] propagation
Message-ID: <3.0.3.16.19980806100232.22071244@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, 20 meters has been hot this last week or so. Been playing 20 SSB lately and now have about 15 countries, a lot of central Europe. Last night snagged an EA8 in the Canary islands.

Been hearing ZL's, Iceland, Middle East, South America and other exotic places. Not much luck snagging these guys with the G5RV with 10 watts pep.

Been hearing a few other QRPer's in there making Q's also.

Learned to stay away from the pileups - pissing contests. Not much chance of getting through unless one is very lucky and hits a lull in the activity. Best luck is to keep tuning around and be the first to answer a CQ.

Starting to dream of 100 ft tower's and 6 ele quads...maybe a <gasp> KWM2

for when I get frustrated...(not likely, but I can dream..)

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 06 Aug 1998 09:50:12 -0500
From: Ed Manuel <n5em@flash.net>
To: qrp-l@Lehigh.EDU
Subject: [16971] FS: Antenna Measurement Items
Message-ID: <3.0.5.32.19980806095012.0092e7b0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Thu, 06 Aug 1998 08:58:43 -0500
>To: qrp-l@lehigh.edu
>From: Ed Manuel <n5em@flash.net>
>Subject: FS: Antenna Measurement Items

The Auttek RF-1 is spoken for.

Ed

Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Thu, 6 Aug 1998 10:18:02 -0500
From: "Randy Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [16972] RE: 10M last night
Message-ID: <000201bdc14d\$670ba1a0\$5326430c@deputy-dog>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is anyone doing QRP SSB on 10m? If so, when and where?

72,
Randy, KS4L

Date: Thu, 06 Aug 1998 10:23:01 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: artm@t-com.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16973] Re: QRP / ICQ
Message-ID: <35C9CA55.3494AB1E@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Please do ... Thanks - sounds like fun!

What capability do I need from my ISP in order to operate ICQ? I presently have a mail server and a news server, but no chat server is provided.

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Art Marshall wrote:

>
> I have a large list of QRP ICQ identifiers if anyone wants it Ill post it on hr,
let me know tks 73 Art w1fji
> w1fji@vistech.net

--

Date: Thu, 6 Aug 1998 11:27:18 EDT
From: Mercxx@aol.com
To: qrp-l@Lehigh.EDU
Subject: [16974] Thanks to all...
Message-ID: <a622ac43.35c9cb57@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi all,

Thanks to all of you who responded to my questions about what gear to obtain. I have narrowed it down to what kits to look at. I am still looking for single band gear in the 80, 40 or 20 meter bands... Like I said thank you all for the great responses and opinions.... This is definitely a great bunch of people...

73s
Steve
N4TKP
FIST 4922

Date: Thu, 06 Aug 1998 08:52:15 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [16975] GDO Question
Message-ID: <19980806155215.26413.qmail@hotmail.com>
Content-Type: text/plain

I've been planning to construct a grid dip oscillator for some time. In one of the "Encyclopedias of Electronic Circuits" is a "Bandswitched Grid Dip Meter" attributed to QST. The circuit employs two dual gate MOSFETs and uses a rotary switch to select different coils corresponding to different frequency bands. The coils are internal and so coupling is provided through a probe connected through a BNC connector. The probe is terminated with another coil.

Does anyone know which QST this circuit is from, or better yet, have access to a copy?

Brad

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 06 Aug 1998 10:53:38 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU, kenlar@csolve.net
Subject: [16976] Re:Sailin QRPer this Weekend

Message-ID: <35C9D182.5673@madisoncounty.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Thanks Ken for posting the interesting story on QRP-L!

I'm also enjoying the summer on the water and on islands. Its really a great combo radio and boats isnt it!

There are island hunters on the ham bands so you might want to read the US Islands webpage and maybe let them know about your trip before you go.

I'm sure it would be OK to try QRP CW on the USI/IOTA freqs, just tell them your on an island and you might get some little pile-ups!

The freqs are 14.250-260 and 7.250-260Mhz. The webpage is at <http://www.eng.mu.edu/~usi/>

Interesting that the wire over the side worked so well for you. I only have success with that on 80-30M, its no good on 20 and up. I wonder if you use a 1/4 wavelength wire or a random shorty like I do?

Thanks again for the interesting post, de Jim AR QRP #2

Ken's post;

Hello QRPers:

Just a follow-up to let you know the results of my QRP weekend, sailing Georgian Bay. Gear was Heathkit HW-9, Ten-Tec antenna tuner. Brought along a motorcycle battery for 12v supply. Clipped a wire to the aluminum mast (28 ft. high), and threw a ground wire over the side. Simple!

Saturday evening, anchored in the Gin Islands:

30m W4MYO Ed in Nashville, TN

30m KB2UZY Bryan in Springfield, MA

30m WA6SWJ/QRP Dave in Omaha NE

20m KI0II/QRP Ron in Littleton, CO

20m K8KXK/QRP Dennis in North Carolina, NC

Sunday evening, anchored in Papoose Bay, Beausoleil Island:

20m W4ED/QRP Bob nr Atlanta, GA

20m OM2WW/QRP Tom in Slovak Republic

30m OK1TJ Jaro in Czech Republic

30m YV1DIG Paul in Venezuela

30m LZ1AP Lyben in Bulgaria

Was really impressed with the propagation on 30m, especially Sunday night. Seems the mast antenna worked well to Europe. Got me thinking of what kind of vertical I can erect in the backyard!

Thanks to all who were listening for me. Combining two passions (ie. sailing & QRP) makes me wonder: Does life get any better than this?!

72, de Ken VE3ELA

Date: Thu, 06 Aug 1998 12:23:34 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [16977] Re: Relay for 440 T/R switch
Message-ID: <35C9D886.4376@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Omron G5Y high frequency relays work fine at 10 watts up to 1296 MHz when properly sequenced with no hot switching.--Zack W1VT

Date: Thu, 06 Aug 1998 12:11:35 -0400
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
To: cooper@gmpvt.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16978] Re: 10M last night
Message-ID: <35C9D5B7.2CAF533A@eng14.rochny.uspra.abb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,
I was on 10 m about 2200 utc and the cw part of the band was dead while the phone portion between 28350 and 28450 was active!

Still no foxes :(

73,

Tom, kv2x

Tom Cooper wrote:

>
>
>
>
>
> Give out a CQ on 28040 even at odd hours and you might be surprised. If we
> all
> just listen we won't hear anything.
>
> Tom W1EAT

Date: Thu, 06 Aug 1998 12:39:43 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16979] Re: 10M last night
Message-ID: <35C9DC4F.2E9936DF@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I worked W2UX in SC at 00:10 UTC from Michigan last night. 559/449 sent/rec. 5 watts both sides. Total of six, 10 meter foxes. Earliest 21:02 UTC. Latest 00:30 UTC. Have not been checking 10 as much as I was in June and July cuz having too much fun with my SW40+ on 40. But last night the local qrn was high on 40 made contacts on 10, 15, and 20.

Ed Kwik KC8JIE qrp-1 #1444 Waterford, MI

Date: Thu, 06 Aug 1998 11:45 -0600
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "marion" <marion@montana.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16980] RE: radio shack clock
Message-ID: <575AA381@optelinc.com>

The Radio Shack version is certainly at the right price! I bought an IDENTICAL "Radio Clock" from a chain store here in Dallas and paid \$69+ tax for mine (even then, I thought it was a good deal, compared to those advertised in Q-Street)!

I doubt you can modify it for 24-hour display (I'd like that feature as well), since the whole thing has highly integrated innerds.

If you buy one of these clocks (and I recommend them highly), be prepared to wait quite a while for it to get sync'd up with WWVB.

Karl K.
W8TIF/5

From: marion
To: Low Power Amateur Radio Discussion
Subject: radio shack clock
Date: Wednesday, August 05, 1998 4:35PM

Was in Radio Shack today and they have a clock that sets itself with a built in WWV monitor. It sets to your time zone, but won't display in 24hour mode! Has anyone modded one of these to just display WWV? The \$35 price was right. Roy AB7CE

Date: Thu, 6 Aug 1998 10:14:02 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: beaks@westco.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16981] Re: Toroid question
Message-ID: <bCVCgCAaPXy1Ewvd@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <35C908C9.41A8@westco.net>, beaks@westco.net writes
>Well it seems I wont be able to escape using toroids these days, so
>guess I better learn to be more at ease with them.
>I have some good hamfests coming up around the area and I always see
>large trays of toroids which are all different (size, core, etc) What
>would be some common ones that I should have on hand? ARE there common
>ones? There is no local source here in my area for toroids other than
>the fests or mail order so I dont know which ones would be good to stock
>up on. Going to pick the toroid book also to read up on them some.
>Thanks in advance for the info!
>Arch N8EAG

Red and yellow mix 37, 50 and 68 sizes are probably the most useful of the iron powder cores. FT37-43 is the most useful ferrite core. Get a

few reels of different size enamelled wire as well.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850
DDS system. See " ["/diy_dsp.htm](#) for a simple DIY DSP ADSP-2104 system.

Date: Thu, 6 Aug 1998 08:04:48 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: johnf@innotts.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16982] Re: Live Bug Construction
Message-ID: <Fg3luAAQWVy1Ewvb@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <199808051909.UAA03882@carlton.innotts.co.uk>, John Fletcher
<johnf@innotts.co.uk> writes

>Hello all,

>

>I use "live bug" too, I bend the bug's legs out horizontally and cut a
>piece of stripboard to fit, break the tracks down the middle and glue
>the stripboard to the groundplane. Then I solder the bug to the copper
>tracks and link the earthed pin(s) to the groundplane with tinned copper
>wire. Inexpensive DIL sockets can be mounted this way too. The turned-
>pin ones aren't suitable because the pins tend to break. My "scratchbuilt
>NorCal 40" was built this way, and there's a picture of it on Frank G3YCC's
>homepage (hope it's still there!)

That gave me an idea! This would be a good way to incorporate a small
MCU like a PIC 16F84 or an AVR 1200 in "ugly" projects. I've just tried
it out with a 1200 in a 20-pin socket on one scrap of Veroboard, and an
4 MHz ceramic resonator on another scrap, with the decoupling C soldered
down to the groundplane, and it works fine. A screening box surrounding
the MCU and a few ferrite beads and capacitors on the +ve supply and I/O
leads should eliminate virtually all the RFI from the device. With the
addition of an in-circuit programming connector for the chip, it'll be
very easy to test and modify the software.

With the Vero VQ board I used, I didn't even need to break any tracks.
8-) I used double-sided tape instead of glue to hold things down.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
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See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850
DDS system. See " "/diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Thu, 6 Aug 1998 09:46:05 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: ab7ru@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16983] Re: Circuit to measure capacitance with multimeter?
Message-ID: <lzwdaNAN1Wy1Ew6j@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <19980805203635.25306.rocketmail@send1d.yahoomail.com>, Mike
Parkes <ab7ru@yahoo.com> writes
>Does anyone have info on a circuit that could be built in order to
>measure capacitance with a multimeter?

You'll find one in the ARRL Handbook.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850
DDS system. See " "/diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Thu, 06 Aug 1998 13:06:33 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-l@Lehigh.EDU>
Subject: [16984] Elmer sprint info
Message-ID: <35C9E299.F6957FDE@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, it looks as if there will be plenty of people who will be operating
in the Elmer101 "get together". Here are the details.

All QRP-L members are invited to come on and work the Elmer students,
QRP of course. Only the elmer students are eligible to win. Students may
only use the SW-XX rigs that they built in the class. Please come on the

air and help the students "break in" their new rigs! The idea is for the non-students to try to find and work students, not other non-students ;-)

When: Thursday, August 13, 01:00 to 03:00 UTC
Wednesday, August 12, 9:00 pm to 11:00 pm EDT
Wednesday, August 12, 8:00 pm to 10:00 pm CDT
Wednesday, August 12, 7:00 pm to 9:00 pm MDT
Wednesday, August 12, 6:00 pm to 8:00 pm PDT

Where: 40 meters 7.040 Mhz Novice 7.115 Mhz
30 meters 10.116 Mhz
All freq.'s +/- QRM, Lets spread out a bit ;-)

Remember that each student will only be able to be on one frequency, 40 General, 40 novice or 30. So non-students please try all 3.

Students get one point for each QRP-L member contact, 5 points for each student contact. Students can call CQ CQ CQ elmer de
Exchange should be Call, name, state, qrp-l number. Students should use the word "student" instead of their qrp-l number so they can be identified.

Winner gets the "vintage" heathkit O-scope, only if he/she needs a scope. If not, the winner gets the all valuable recognition, but passes the prize down the line to a student who _needs_ a scope.

If there is something I should change please let me know asap.
See ya there!

--
72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Thu, 6 Aug 1998 12:11:34 -0500
From: "Juan David Zuloaga" <hk4bmg@epm.net.co>
To: "QRP-L LIST" <qrp-l@Lehigh.EDU>
Subject: [16985] RF OUTPUT STAGE FOR 40M
Message-ID: <01bdc15d\$436d5580\$LocalHost@hk4bmg.epm.net.co>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_002F_01BDC133.5A974D80"

This is a multi-part message in MIME format.

-----=_NextPart_000_002F_01BDC133.5A974D80

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Hi everyone and thanks to all that answered.

I like this discussion and I=B4m learning a lot from It. I know I will =
be able to use all this input when I start building some test =
prototypes.

What I=B4m trying to do here is to make a few changes in some classic =
designs

so that other younger Hams here in Colombia (South America) can build =
basic ham equipment

with parts easily found arround here.

.
We get books with schematics and part numbers that are imposible to get
here. and some Hams get dissapointed and lose interest. So I Try to =
give

the kids of the COMITE JUVENIL workable schematics with receivers and
transmitters they can actually build and get them to work.

These will be my small, long term contribuition to promote Amateur radio =
in

Colombia. So you will hear me again asking apparently illogical =
questions to

this list but now you know my real objective.

We are finishing with a project building a "Neophyte" 40 M receiver and =
the

kids seem to be interested in a DSB 40M companion transmitter. that was =
the

reason for me looking for a "practical" Power Amplifier without toroids.

Thanks again, Any other leads ?

Juan Zuloaga

HK4BMG

-----=_NextPart_000_002F_01BDC133.5A974D80

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charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

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</HEAD>
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<DIV><FONT color=3D#000000 face=3DArial size=3D2>Hi everyone and thanks =
to all that=20
answered.</FONT>&nbsp;</DIV>
<DIV><FONT color=3D#000000 face=3DArial size=3D2>I like this discussion =
and I&acute;m=20
learning a lot from It. I know I will be able to use&nbsp;<BR>all this =
input when I=20
start building some test prototypes.</FONT></DIV>
<DIV><FONT color=3D#000000 face=3DArial size=3D2><BR>What I&acute;m =
trying to do here=20
is to make a few changes in some classic designs<BR>so that other =
younger Hams=20
here in Colombia (South America) can build basic ham equipment<BR>with =
parts=20
easily found arround here.<BR><BR>We get books with schematics and part =
numbers=20
that are imposible to get<BR>here. and some Hams get dissapointed and =
lose=20
interest.&nbsp;<BR>So I Try to give<BR>the kids of the COMITE JUVENIL =
workable=20
schematics with receivers and<BR>transmitters they can actually build and =
get=20
them to work.<BR><BR>These will be my small, long term contribution to =
promote=20
Amateur radio in<BR>Colombia.&nbsp;<BR>So you will hear me again asking =
apparently=20
illogical questions to<BR>this list but now you know my real =
objective.<BR><BR>We=20
are finishing with a project building a &quot;Neophyte&quot; 40 M =
receiver and=20
the<BR>kids seem to be interested in a DSB 40M companion transmitter. =
that was=20
the<BR>reason for me looking for a &quot;practical&quot; Power Amplifier =
without=20
toroids.<BR><BR>Thanks again, Any other leads ?<BR>Juan=20
Zuloaga<BR>HK4BMG<BR><BR></FONT>&nbsp;</DIV></BODY></HTML>

```

-----_NextPart_000_002F_01BDC133.5A974D80--

Date: Thu, 06 Aug 1998 10:30:31 -0700
From: Terry Conboy <terry.conboy@airtouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: ag97@sendero.net
Subject: [16986] Re: strange signal
Message-ID: <199808061727.KAA09048@tnc.AirTouch.COM>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:43 AM 8/5/98 -0600, Michael S. Williamson wrote:
>I've heard this weird fluttering signal many times and would like to
>know if anybody knows what it is. I'm thinking it's a jamming
>signal, but not sure.
>
>I put a .wav in here. Please excuse the excessive noise as my
>computer adds a lot of QRM
>
> <http://members.xoom.com/Aggie97/ham/>
>
>thanks and 73
>kc5cqm

Definitely a jammer. There is a weak broadcast signal under the junk.

73, Terry

--

Terry Conboy <http://www.qsl.net/n6ry> Tel: +1-925-210-3475
N6RY terry.conboy@airtouch.com Fax: +1-925-210-3469

Date: Thu, 06 Aug 1998 14:08:32 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [16987] QRP Quarterly
Message-ID: <19980806.180502.4831.8.n4so@juno.com>

Table of Contents for QRP Quarterly

July 1998 back to July 1996

Ask for qq.txt file.

KEN BROWN N4SO

QRP-L #622/Near Mobile, AL EM50tk
n4so@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 6 Aug 1998 11:13:43 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: charles k brown <n4so@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16988] Re: QRP Quarterly
Message-ID: <Pine.LNX.3.96.980806111312.26557B-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 6 Aug 1998, charles k brown wrote:

> Table of Contents for QRP Quarterly

Speaking of QQ, when was the latest issue placed in the mail? I still haven't received my copy yet.

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net

Date: Thu, 06 Aug 1998 11:33:01 -0700
From: Gary Evans <gevans@lightspeed.net>
To: qrp-l@Lehigh.EDU
Subject: [16989] Windows98
Message-ID: <35C9F6D5.CCBF9B70@lightspeed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is not a qrp-related subject, but I'm hoping that someone in the group has an answer to my problem. I installed Windows98 yesterday and everything went okay with one exception. At the conclusion of the

installation process I received the message that my display adapter was not configured properly. I am unable to set my monitor to display more than 16 colors. Prior to installing Windows98 I was able to display 256. After going through the "add new hardware wizzard" I got a message stating the device was installed, but that it had a problem. The next message stated that the display adapter was functioning correctly (code 23), and that the problem was with the "main display adapter." Finally it stated, "Fix the main display adapter and then this display adapter will work." Prior to installing Windows98 I received no such error messages with Windows95. Any suggestions as to where I might get some help would be appreciated. Thanks...Gary - AA6R

Date: Fri, 07 Aug 1998 02:26:21 +0800
From: "Daniel Wee, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: kenwood@qth.net
Cc: qrp@pandora.lugs.org.sg
Subject: [16990] Kenwood YK-88C-1 filter FS
Message-ID: <35c9f54f.pandora@pandora.lugs.org.sg>

Hi,

I just remembered that I have this YK-88C-1 lying around. It's only been used for under a week before going back into the box. I'd be interested to sell it for about \$100 (inclusive of shipping). Let me know if anyone is interested.

73 de 9V1ZV Daniel Wee

--

Daniel Wee	daniel@pandora.lugs.org.sg
9V1ZV	http://www.cyberway.com.sg/~danwee
QRP-L #667	9V1ZV@amsat.org

Date: Thu, 6 Aug 1998 12:05:01 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: qrp-l@Lehigh.EDU (qrp)
Subject: [16991] KC-2 problem
Message-ID: <199808061905.MAA07884@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

For some unknown reason, the KC- 2 in my ohr 400 (got it working by the way.) has stopped working properly. When I power up I get the firmware version number "1.0" but it doesn't go on to the frequency display. I can go through the setup process and it is detecting the correst frequency, but when I press the display button to get out of setup there is just a blank display. All the other functions show up (ply 1, cw speed, etc).

Anyone else encounter this problem???

cheers, Paul VE7CQK/email: paule@fraser.sfu.ca

Date: Thu, 6 Aug 1998 15:17:55 -0400 (EDT)
From: afpgreg@state.me.us (Paul V. Gregory)
To: qrp-l@Lehigh.EDU
Subject: [16992] FS: W7EL 2w 40m QRP xcvr
Message-ID: <199808061917.PAA25309@gatekeeper.ddp.state.me.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Too many rigs! Sooo....

This is the W7EL design as shown in QST, August 1980.

Except mine's built on a PC board rather than with point-to-point construction for better access. Near full 40 meter coverage (7.000-7.070 and 7.100-7.300) cw xmit only with Hartley VFO. Also the PA has been upgraded to the more rugged MRF476.

Features:

- Full electronic QSK
- Stable VFO
- RIT
- Offset freq. monitoring
- Rx current drain less than 20mA @ 12vDC
- Direct conversion rx which used double bandpass filter and an active AF filter for image-free reception
- sidetone

Size: approx 3" h x 6" d x 5" wide

Copies of QST article and schematics available by SASE.

Price: \$130 plus shipping, \$135 w/12vDC PS.

tnx fer reading de N1ZR, Paul

Date: Thu, 6 Aug 1998 12:46:25 -0700 (PDT)
From: KB0VCC/1 <kb0vcc@rocketmail.com>
To: qrp-l@Lehigh.EDU
Subject: [16993] Re: Strange signal
Message-ID: <19980806194625.18783.rocketmail@web4.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Michael S. Williamson wrote

>
> I've heard this weird fluttering signal many times and would like to
> know if anybody knows what it is. I'm thinking it's a jamming
> signal, but not sure.
>
> I put a .wav in here. Please excuse the excessive noise as my
> computer adds a lot of QRM
>
> <http://members.xoom.com/Aggie97/ham/>
>
> thanks and 73> kc5cqm

Could it be them pesky badgers conspiring on-air their
very next Nils-land raid? A government mind control
experiment? Elvis, trying to contact us from "the
other relm"? An encrypted alien signal?

. . .
If I may venture a rational guess, I'd say it SOUNDS like
a weak DX SSTV/FAX sig that's partly within your passband,
suppressed further by your AGC from that near-freq SW BC
AM carrier and fluttering as a result of aural distortion.
Then again, maybe it IS just a jamming station.

The truth is out there. Somewhere...

=====

Dale Anderson	In the Mt Washington Valley
KB0VCC	Conway, New Hampshire
QRP-L #91 / CQC #251	Grid Sq: FN43KX
ARS #234 / FISTS #3172	http://www.qsl.net/kb0vcc

=====

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 06 Aug 1998 13:11:14 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [16994] FS Norcal Paddle Kit
Message-ID: <35CA0DE2.7251@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the original spacing Norcal paddle kit that I probably never will get around to assembling. In perfect condition, bag opened only to verify contents. \$35 shipping included.

72
Elliott WA6TLA

Date: Thu, 06 Aug 1998 20:52:22 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: List qrp-l <qrp-l@Lehigh.EDU>
Subject: [16995] 24 hour clock
Message-ID: <35CA0976.1075B88C@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yo rat shack bargain bin hunters

I bought a KITCHEN digital timer from the local MEIJERS store (like K-MART or WALL MART) for \$10.95 and it has a 1" digital display and on the back is a button to push and you get 24 hour time! **** BONUS **** because it is a KITCHEN timer it will do your 10 minute iding timing for you if you are a LONG winded SSB operator. Push the little stop / start

button every 10 minutes to re start the timer. NEAT and it is in GMT time if you want

Walt k8cv

Date: Thu, 6 Aug 1998 16:57:59 EDT
From: JACKS118@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16996] Propagation on 40 meters
Message-ID: <dc181fa5.35ca18d8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hello all. Everyone is talking about how good 10m is now. I was wondering what 40 is like? At my end, it is good from 8:00-9:30 and then nothing. What is the best time to listen to 40m??

Jack, KB9LEB
<http://www.geocities.com/SiliconValley/Lab/2266/>

Date: Thu, 6 Aug 1998 14:18:33 -0700
From: Conrad <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16997] nice 3 foot paddle cables...
Message-ID: <01BDC145.189EB3C0.radman@best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang,

The world's nicest, cheapest paddle cables with Sony (1/8") molded connectors can be easily made from cutting an RS 6 foot audio cable in half. RS part # 42-2387 sells for about \$3.00 (US). You end up with two ... 3' paddle cables ready for your shack or field kit.

(All you old timers know this.... but, I learned this one from world-famous CW speedster, Mike Gipe. Good tip, Mike!
:))

72 - Conrad Weiss - NN6CW

Date: Thu, 6 Aug 1998 17:28:01 EDT
From: Shepherd@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16998] Re: Windows98
Message-ID: <cc3196e3.35ca1fe4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Gary,
Easy one to fix. Go to the web site for your video card manuf. and get the updated drivers for either Win 95/98.

Most likely your video card was not in the standard list of devices that 98 recognizes, and the default drivers used caused this error.

If you need any help E-mail me direct.

72, 73
Dan, N8VZU
QRP-1 #1404

Date: Thu, 6 Aug 1998 15:42:19 -0600
From: "David Ek" <ekdave@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [16999] Portable QRP--listen for me this weekend on 20m
Message-ID: <000801bdc183\$174953c0\$e7ac85ce@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I'm backpacking through the Lost Creek Wilderness this weekend, and I'll have my SW+20 along. Listen for me around 14.060 Friday and Saturday evening.

72,

Dave AB0GO

Date: Thu, 6 Aug 1998 14:46:54 -0700
From: "Robert Andrew Bell" <rbell@uniserve.com>
To: <qrp-l@Lehigh.EDU>
Subject: [17000] FS: LDG qrp tuner
Message-ID: <002d01bdc183\$bb160160\$c6d5f4cc@satan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, I have an LDG qrp tuner for sale in good working condition, I picked up an Icom AH2 and so don't need the qrp tuner anymore \$100 US plus shipping.

Rob. VE7IGZ

Date: Thu, 06 Aug 1998 16:50:39 -0600
From: Mike - W0TMW <crucis@sky.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17001] Re: QRP Quarterly
Message-ID: <35CA252F.C938D2E8@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mine arrived in today's mail!

Mike - W0TMW

charles k brown wrote:

>
> Table of Contents for QRP Quarterly
>
> July 1998 back to July 1996
>
> Ask for qq.txt file.
>

> KEN BROWN N4SO
> QRP-L #622/Near Mobile, AL EM50tk
> n4so@juno.com
>
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com>
> Or call Juno at (800) 654-JUNO [654-5866]

--

=====
Mike Watson, W0TMW QCWA Mbr # 28651, Chap. 35
Raymore, MO USA Grid: EM28st ARCI# 9647
<http://www.sky.net/~crucis>
E-mail: crucis@sky.net ARS# 352, QRP-L# 1489
=====

Date: Thu, 06 Aug 1998 14:46:58 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [17002] Re: FS Norcal Paddle Kit
Message-ID: <35CA2452.7F1D@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paddle Kit is sold.

Tnx
Elliott WA6TLA

Date: Thu, 6 Aug 1998 15:14:47 -0700 (PDT)
From: Richard Fisher <nu6sn@yahoo.com>
To: qrp-l@Lehigh.EDU
Cc: nu6SN@yahoo.com
Subject: [17003] Now Showing: August edition of The ARS Sojourner
Message-ID: <19980806221448.12817.rocketmail@send102.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

THE ARS SOJOURNER, AUGUST 1998

The August edition of the Adventure Radio Society's monthly web magazine The ARS Sojourner is up and running, and posted on the ARS web site: <http://www.natworld.com/ars>

Some of the features in the August issue include:

-- QRP IN GRAND STYLE: Joe Gervais, AB7TT, recently hiked the Grand Canyon, one of the country's most distinctive natural wonders. Join him on his journey as he describes in words and photographs -- in wonderful detail -- the challenges he faced as both an outdoorsman and a radio amateur.

-- PACKED AND READY: Bill Jones, KD7S, made headlines not too long ago when his "Station in a Box" was featured in QST magazine. With the ARS backpacker in mind, he's taken the original concept and cleverly refined it for the trail.

-- OFF ROAD, ON THE BEAM: Lorraine Y. Aubert, AC6XK, experienced the rigors of off-road bicycling and off-road QRPing in the Southern California mountains -- and survived to write about it. Her tips on two-wheelin' and QRP.

-- ALSO: Your letters to the editor, results and soapbox comments from Monday's August Spartan Sprint, a calendar of upcoming operating events, a perspective "From Our Vantage Point," and much more.

The ARS Sojourner is a free publication of the Adventure Radio Society. To see back issues, simply open the magazine and click on ARS Archives.

As always, we value and appreciate your comments, suggestions and criticisms. We also welcome your stories, photographs and graphics.

On behalf of web master Russ Carpenter, AA7QU, and the whole staff, here's hoping you enjoy this edition of The ARS Sojourner. Let us know what you think of it.

Vy 72,

Richard Fisher, nu6SN
Executive editor, The ARS Sojourner
nu6SN@aol.com

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 6 Aug 1998 15:13:35 -0700
From: mikerice@abtcorp.com (Mike Rice)
To: <gevans@lightspeed.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [17004] Re: Windows98
Message-ID: <013d01bdc187\$74ca1b70\$210f020a@juan.abtcorp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gary,

Do you happen to know what the adapter is? (video card manufacturer)
Likely they have a website with an updated driver for Windows 98. *see tips
below*

If, otoh, you have a (less than 1MB video card)(read "older") you might be
able to get away with installing the Standard VGA driver...

see this

go to Start/Programs/MS DOS Prompt(be brave)

type debug and (enter), if it doesn't say bad command,

you'll get a - prompt, type d (enter) and d(enter) and q (enter)

This should display the chipset of your video card, use it to find the
correct manufacturer...

g/l 72

Mike Rice kb0nnd

-----Original Message-----

From: Gary Evans <gevans@lightspeed.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Thursday, August 06, 1998 11:42 AM

Subject: Windows98

>This is not a qrp-related subject, but I'm hoping that someone in the
>group has an answer to my problem. I installed Windows98 yesterday and

>everything went okay with one exception. At the conclusion of the
>installation process I received the message that my display adapter was
>not configured properly. I am unable to set my monitor to display more
>than 16 colors. Prior to installing Windows98 I was able to display 256.
>After going through the "add new hardware wizzard" I got a message
>stating the device was installed, but that it had a problem. The next
>message stated that the display adapter was functioning correctly (code
>23), and that the problem was with the "main display adapter." Finally
>it stated, "Fix the main display adapter and then this display adapter
>will work." Prior to installing Windows98 I received no such error
>messages with Windows95. Any suggestions as to where I might get some
>help would be appreciated. Thanks...Gary - AA6R
>
>

Date: Thu, 6 Aug 1998 15:34:54 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: rerobins@email.uncc.edu (Richard E. Robinson)
Cc: qrp-1@Lehigh.EDU (qrp)
Subject: [17005] Re: KC-2 problem
Message-ID: <199808062234.PAA10273@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi Rick,

The blank display problem turned out to be a problem with the paddles
I had plugged in. When I unplugged them, the display returned to normal.
In my case I am running a cv of 56pf to get a stable display. Everything
seems to be ok now.

Thanks for the response.

cheers, Paul VE7CQK/email: paule@fraser.sfu.ca

Date: Thu, 06 Aug 1998 22:46:08 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [17006] QRP to me.

Message-ID: <35CA3230.1AE8@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I mentioned to a ham buddy via email that it has only been recently I've begun to understand what QRP is.

So I'll share what QRP life has been for me:

QRP-1 -- A daily gathering of friends, usually unseen, who share ideas and knowledge, experience, wisdom, and guidance. A bond that grows as one sees new members asking the question I once had. Yet those tired questions are fresh to the newbie -- and they are answered as such -- and without condemnation or ridicule. A new QRP'er begins to grow and the garden thrives.

QRP Clubs -- An opportunity to meet QRP'ers and share ideas and projects with an eyeball QSO. The tangible proof that we are "real" people making real projects.

QRP Operating -- It is not done alone. Your friends share similar interests, they know the frequencies. Power limitations teach you to improve on antennas/gear. Eventually QRP operating gets you many QSO's. You realize you can downsize your equipment, 10 Watts input should get you near 5 Watts output. You lighten up. You begin to operate portable because it is easy to carry and set up your gear. No longer are you QRP with QRO rigs. Contesting is a gathering and not a fight. The QSO content becomes more sought after than QSO rate. You take a break from contesting so you can spend an hour with the QRP net, even though it is the middle of the contest.

QRP Friends -- Genuine, fine folks with similar needs and wants. Willing to cheer your successes and support your failures. Their shirt is yours, and yours is theirs. They give to you, you give to 10 others. That is the way of friends.

This is some of what QRP is to me.

-Ed

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 6 Aug 1998 18:54:16 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [17007] FS:SST-40 (assembled)
Message-ID: <199808061856_MC2-5556-F6C1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Have For Sale a fully-assembled SST for 40 Metres. Works FB and the
receiver is excellent. No mods. With manual.

Cost \$88.00 including shipping in CONUS. If you have been wanting one of
these little jewels, here is your chance :-).

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904

End of QRP-L Digest 1175

